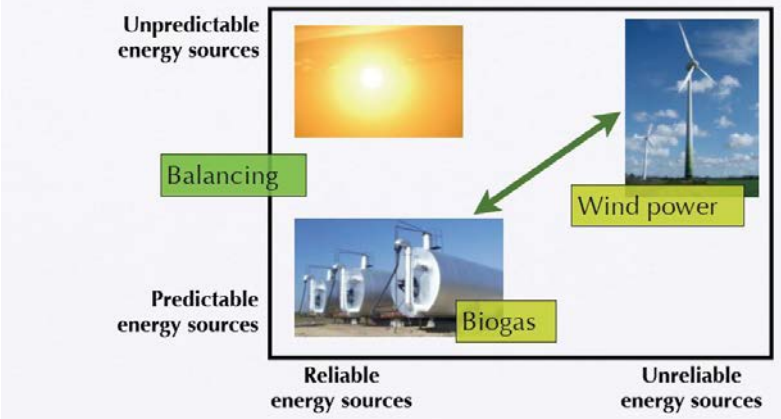




Bioenergy Promotion

Energy system - Fluctuating sources

Development of an entirely new energy system in Region Zealand (Denmark)



Future regional energy systems

Some of the most important aspects are:

- The combination of wind power and biomass-based CHP plants
- Linking the energy system and the food production system
- Integrated local energy solutions
- Industrial and agricultural symbiosis approaches

Bioenergy Promotion in Region Zealand

With inspiration from the Bioenergy Promotion project several new initiatives were launched in Region Zealand in Denmark.

As the picture illustrates, bioenergy becomes the key element in the future energy system of Region Zealand. The fluctuating wind energy production needs to be balanced by stable and flexible production plants, and here different types of “green energy gasses” will play a pivotal role.

Regional Climate Strategy 2014

The second part of the Regional Climate Strategy is now being developed. In order to ensure the involvement of all key players, a multi-stakeholder approach is used for developing the strategy.

The strategy will combine two major challenges, mitigation and adaptation, and convert them into business development opportunities. In the future, regional energy systems will be biomass-based solutions among the basic elements.

Finally the principles and criteria for sustainable bioenergy systems from Bioenergy Promotion, and the improved version from Bioenergy Promotion 2, will be included in the part of Regional Climate Strategy addressing the design of the regional energy system.

For more information

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[Read the whole article here >>](#)



Part-financed by the European Union
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Bioenergy Promotion

Successful regional conference in Rotenburg (Wümme) on logging residues as a bioenergy resource



More than 70 participants gathered on 28.2.2013 in the Council hall at Rotenburg (Wümme) to learn actual results from recent research on the topic of logging residue biomass calculation, the impacts on soil fertility when extracted for energy purposes, and how to avoid risks

for sustainable forest management.

The event was jointly organized by Bioenergy Promotion 2 project partner, Chamber of Agriculture Lower Saxony, and the associated regional partner County of Rotenburg (Wümme) from Germany. Both institutions are looking back on a successful cooperation for more than four years in the field of bioenergy.

Estimation of regional energy potential

Recent research gives an option to exactly estimate the regional energy potential from logging residues. It is based on equations and using standard forest inventory data, improving mere estimates, previously carried out with Scandinavian thumb rules.

Moreover, researchers analyzed the amount of nutrients exported along with tops and branches. Recommendations will follow, enabling practitioners to avoid sustainability risks on less fertile soils, using standard forest soil maps. A new challenge will introduce wood ash recycling into forest management, since most nutrients, extracted with the biomass, can be recovered by spreading the ash.

Not only practical forest managers, but also the society, represented by forest politicians and certification representatives, observe options and risks of forest-based bioenergy and gave their opinion to the audience. Forest owners and consultants pointed out that to harmonize both aspects will be a challenge for future responsible silvicultural engineering and the cooperation with Bioenergy Promotion 2.

Presentations

[Download the presentation material here>>](#)

For more information

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Bioenergy Promotion

Latgale Bioenergy Region - transfer approach and strategy development



In April 2013 a transfer team from Bioenergy Promotion 2 carried out a second visit to the Latgale Region in the westernmost part of Latvia.

The overall purpose of the transfer activities is to disseminate knowledge and experiences for the project partnership to non-partner regions. In this case the intention is to facilitate the development of strategic regional bioenergy action. To achieve this it is by far not sufficient just to arrange a seminar or the like.

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>>

Instead we find it necessary to

- interact with local and regional actors in order to identify input for the recommendations on developing strategic bioenergy actions
- motivate key actors to develop regional cooperation aiming at the promotion of bioenergy as a key to the future regional energy system - less depending on fossil energy import - and as an element in creating a stronger green regional economy.

Development of a bioenergy region

In the next half year the transfer team will develop a set of recommendations on how to create and develop Latgale Region as a bioenergy region. It will take the form of series of proposals for strategic action.

The strategy elements will consist of:

1. Vision & Objectives
2. Regional cooperation - including identification of actors to take on coordinating responsibility
3. Supporting structure - including knowledge centers both in the region and outside the region
4. Technology and Action Catalogue
 - a. Good practice from Latgale Region/Latvia
 - b. Good practice from other regions in the BSR
5. Implementation - how to make it happen?
6. Priority project(s) - starting with feasible and important practical steps
7. Appendices - illustrating key component mentioned in the different strategy elements



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Bioenergy Promotion

Input to the programming of the EU Baltic Sea Region Programme 2014-2020

One of the objectives of the extension stage Project Bioenergy Promotion 2 is to feed main stage and extension stage project results into key EU funding programs, being of strategic importance for the demo regions. As new programming period is starting in 2013, the project consortium decided to collect recommendations and an input addressing the EU Baltic Sea Region Programme.

Focus of the paper

Bioenergy Promotion 2 input paper contains both general recommendations and thematic recommendations. The purpose is to provide the Programming Committee with a supporting document regarding how to promote bioenergy and sustainability in the region for the programme period 2014-2020.

In brief, the input paper focuses on the development of sustainable bioenergy, covering issues such as biodiversity, energy and resource efficiency, climate change mitigation and social and economic aspects.

[Download the input paper >>](#)

New Bioenergy Promotion 2 brochure



New Bioenergy Promotion 2 project brochure "Energy planning on local and regional level" has been published.

It shows good practice examples from the Baltic Sea Region. It was developed through involvement of partners of the Bioenergy Promotion 2 project.

Download the brochure [here >>](#)

The project has also published a poster (picture) which can be downloaded [here >>](#)

EU Baltic Sea Region Programme 2014-2020

Transnational cooperation in the Baltic Sea Region will continue in the funding period 2014-2020.

Preparations for the new programme were launched in early 2012.

[Read more >>](#)

EVENTS

Workshop – Sustainable Bioenergy For The Future Energy System
26th July 2013, Brussels

This workshop is focused on finding the benefits and challenges of various energy systems and reflect them in EU level policy developments.

More information [here >>](#)
For registration please contact professor Adam Cenian (cenian@imp.gda.pl)



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